

479600 TO 479601-continued

Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

Received February 1983.

479600. JH-260-82. Japan. US National Arboretum. 51280. Collected October 05, 1982. Arboretum, Hokkaido Pref. Forest Exp Sta., Kikyo-machi, Hakodate-shi, Hokkaido. Lat. 41 deg. 49' N, Long. 140 deg. 48' E. Snow cover for 2 days by snow 50cm or deeper. Minimum temperature -18C. Shrub to small tree, deciduous, 4.6m tall, single trunked. Habit erect. Branches ascending. Bark smooth, light gray. Leaves dark green above, pale beneath. Plant originally growing in Yokotsudake where it was native. Seed collected from one plant. Cultivated. Seed.

479601. JH-280-82. Japan. US National Arboretum. 51281. Collected October 05, 1982. Arboretum, Hokkaido Pref. Forest Exp Sta., Kikyo-machi, Hakodate-shi, Hokkaido. Lat. 41 deg. 49' N, Long. 140 deg. 48' E. Snow cover for 2 days by snow 50cm or deeper. Minimum temperature -18C. Same plant as JH-260-82. Scions collected. Cultivated. Scionwood.

479602 TO 479603. *Styrax obassia* Sieb. & Zucc. (Styracaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

Received February 1983.

479602. JH-196-82. Japan. US National Arboretum. 51213. Collected September 28, 1982. Arboretum, Tokyo Univ. Furano Forest, Yamabe, Furano-shi, Hokkaido. Lat. 43 deg. 14' N, Long. 142 deg. 24' E. Snow cover 2.5m per annum. Minimum temperature -30C. Tree deciduous, 6m tall. Branches ascending. Bark smooth, dark brown. Leaves dark green above, light green beneath. Seed collected from 3 trees. Cultivated. Seed.

479603. JH-230-82. Japan. US National Arboretum. 51248. Collected October 01, 1982. Hokkaido Univ. Tomakomai Exp. Forest, Tomakomai-shi, Hokkaido. Lat. 42 deg. 38' N, Long. 141 deg. 39' E. Snow cover 40cm, ground freeze to 70cm. Minimum temperature -30C. Tree deciduous, small, 6m tall, single trunk. Crown spreading. Branches angular. Bark shallowly grooved, light gray, becoming smooth on younger branches. Leaves light green above, whitish beneath, veins raised. Fruiting racemes pendulous. Growing in woodland. Wild. Seed.